



## COMPLIANCE COMPONENT

DEFINITION	
<i>Name</i>	Browser Plug-Ins
<i>Description</i>	A browser plug-in is an auxiliary program that works with a Web browser to enhance a particular capability. Plug-ins are added to Web browsers to enable them to support certain types of content.
<i>Rationale</i>	Whenever Web users must take an additional step – such as installing or loading additional software – before content can be viewed, the page's usability declines. Accordingly, the use of content that can only be viewed, heard, or interacted with by means of a plug-in should be restricted to those Web pages where other, more usable and accessible presentations cannot achieve the page designer's purpose.
<i>Benefits</i>	Presentations using browser plug-ins can be highly effective, content-rich, and desirable ways to communicate. Developers should be judicious in the use of plug-ins because of inherent usability and accessibility flaws.
ASSOCIATED ARCHITECTURE LEVELS	
<i>Specify the Domain Name</i>	Interface
<i>Specify the Discipline Name</i>	Branding
<i>Specify the Technology Area Name</i>	Usability
<i>Specify the Product Component Name</i>	
COMPLIANCE COMPONENT TYPE	
<i>Document the Compliance Component Type</i>	Standard
<i>Component Sub-type</i>	
COMPLIANCE DETAIL	
<i>State the Guideline, Standard or Legislation</i>	<p>Almost any code that isn't HTML, XHTML, text, GIF or JPG requires additional software (a plug-in) for the browser to display it. When a design uses these file types, it forces the user's computer to open up the plug-in and download the file. As a rule, these files are larger than an equivalent HTML file, so the user has to wait for the helper program to open and then wait for the file to download. If the file is large and a user has only a dial-up connection, the user could have to wait several minutes to view, hear, or use the content.</p> <p><b>Standard:</b> If the site uses files that require a plug-in, a link must allow users to download and install the plug-in.</p> <p><b>Standard:</b> The type of plug-in needed to view the document must be identified, before the user clicks on a link to view the document.</p> <p><b>Guideline:</b> Indicate the file size of any document that requires a plug-in.</p> <p><b>Guideline:</b> Avoid gratuitous use of plug-in technology.</p>

	<b>Common Plug-Ins (e.g., PDF and Flash)</b>  <p><b>PDF</b> is Portable Document Format, a file format developed by Adobe that displays documents nearly identical on any computer system. Its advantage over HTML is that it allows publishers to design complicated layouts using any typefaces and graphics, confident that the end user will view, and can print the same layout that the publisher created.</p> <p>PDF Web pages should be reserved for instances when the formatting or appearance of the document is more important than the content being presented. PDF should not be used as the primary method for presenting content.</p> <p><b>Flash</b> is a product of the Macromedia company that is essentially “do it yourself” animation software. It is browser-independent, creating quick-loading multimedia presentations that can play as they download, and can adapt to different displays and resolutions.</p> <p>Flash files are appropriate for specific applications, such as games or video, but should not be used as the sole means of presenting content. Flash is not always accessible, so you should make sure meaningful content is available in HTML format.</p> <p>Although some web development tools make it easy to create Flash buttons for your site, you should use HTML and CSS to create any presentation or rollover effects for your links.</p>		
<i>Document Source Reference #</i>	<a href="http://www.oa.mo.gov/dmd/guidelines/">http://www.oa.mo.gov/dmd/guidelines/</a> <a href="http://www.useit.com/alertbox/20001029.html">http://www.useit.com/alertbox/20001029.html</a> <a href="http://www.planetpdf.com/mainpage.asp?webpageid=1489">http://www.planetpdf.com/mainpage.asp?webpageid=1489</a>		
<b>Compliance Sources</b>			
<i>Name</i>	<i>Reference Terms</i>	<i>Website</i>	<a href="http://whatis.techtarget.com">http://whatis.techtarget.com</a> <a href="http://www.webopedia.com">http://www.webopedia.com</a> <a href="http://www.marketingterms.com">http://www.marketingterms.com</a>
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
<b>KEYWORDS</b>			
<i>List Keywords</i>	Flash, PDF, SWF, animation, form, document, plug-in, browser		
<b>COMPONENT CLASSIFICATION</b>			
<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i> <input checked="" type="checkbox"/> <i>Current</i> <input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>		
<i>Sunset Date</i>			
<b>COMPONENT SUB-CLASSIFICATION</b>			
<i>Sub-Classification</i>	<i>Date</i>	<i>Additional Sub-Classification Information</i>	
<input type="checkbox"/> <i>Technology Watch</i>			
<input type="checkbox"/> <i>Variance</i>			
<input type="checkbox"/> <i>Conditional Use</i>			

Rationale for Component Classification			
Document the Rationale for Component Classification			
Migration Strategy			
Document the Migration Strategy			
Impact Position Statement			
Document the Position Statement on Impact			
CURRENT STATUS			
Provide the Current Status	<input type="checkbox"/> In Development <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected		
AUDIT TRAIL			
Creation Date	2/28/05	Date Approved / Rejected	9/27/05
Reason for Rejection			
Last Date Reviewed		Last Date Updated	
Reason for Update			